

NCDOT Prioritization 3.0 Project Summary

SPOT ID: H141635

Mode: Highway

Status: Submitted

NC-306

From/Cross Street: NC 33 (in Beaufort Co)

Specific Improvement Type: 16 - Modernize Roadway

To: NC 55 (in Pamlico Co)

Project Category: Regional Impact

Length: 16.9

TIP#:

Fully Funded in Draft STIP? No

Cost to NCDOT: \$12,596,000

Description:

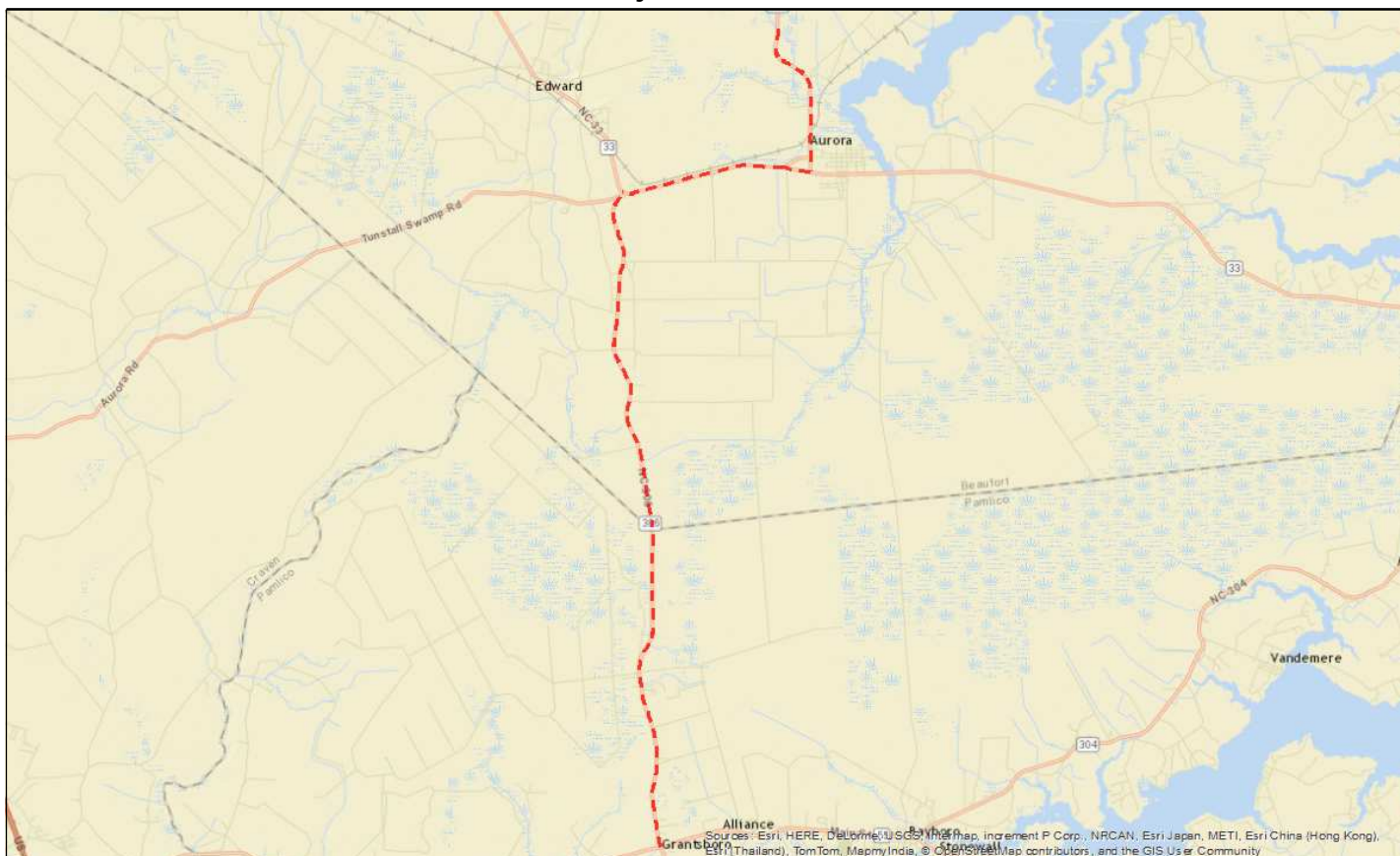
Widen roadway from 22 feet to 28 feet and resurface

Division(s): Division 2

County(s): BEAUFORT, PAMLICO

MPOS(s)/RPO(s): Mid-East RPO, Down East RPO

Project Location



Statewide Mobility Total Score: 0

Quantitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
Totals: Weight: 0% Weighted Score: 0	N/A	N/A

Regional Impact Total Score: 23.97

Quantitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
Safety (25%) 33.65 Multimodal + [Freight & Military] (25%) 2.22 [Travel Time] Benefit/Cost (20%) 0.00	Percent: 15% Points: 0	Percent: 15% Points: 100
Totals: Weight: 70% Weighted Score: 8.97		

Division Needs Total Score: 18.11

Quantitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
Congestion (V/C) (20%) 15.78 Safety (20%) 33.65 Multimodal + [Freight & Military] (10%) 2.22	Percent: 25% Points: 0	Percent: 25% Points: 32
Totals: Weight: 50% Weighted Score: 10.11		

Project Data ***Existing Conditions**

Existing Cross-Section:	
Speed Limit:	55
Length (miles):	16.9
Facility Type:	Two Lane Highway
Access Control:	None
Functional Classification:	Major Collector
Terrain Type:	Level
Lane Width:	11
Paved Shoulder Width:	0
Roadway has Curb & Gutter?	No
Volume (AADT):	3697.02
Capacity:	15508.35
Volume/Capacity Ratio:	0.24
% Autos:	88%
% Trucks:	12%
Truck Volume:	444.41
Crash Density:	29.56
Crash Severity:	43.97
Critical Crash Rate:	27.44
Crash Frequency:	0
Severity Index:	0
County Tier Designation:	2
Non-Interstate STRAHNET Route?	No
Average Commuting Time:	27
Existing Median Type (for Cost Estimation):	Undivided
Pavement Condition Rating:	89
Actual Congested Speed:	47.4
Travel Time Index:	1.16

Project Benefits

Project Cross-Section:	
Speed Limit:	55
Length (miles):	16.9
Facility Type:	Two Lane Highway
Access Control:	None
Functional Classification:	Major Collector
Terrain Type:	Level
DOT Design Lane Width:	12
DOT Design Paved Shoulder Width:	0
Travel Time Savings for 30 Years (Total):	0
Travel Time Savings for 30 Years (Autos):	0
Travel Time Savings for 30 Years (Trucks):	0
Long-Term Employment:	
% Change in Economy:	
Provides Direct Connection to Transportation Terminal?	No
Does project upgrade how the roadway functions?	No
In CTP or LRTP?	
CTP/LRTP Name:	
CTP/LRTP Completion Year:	
Submitted by:	Division 2

* Data reflects calculations which include weighted averages (where applicable) and represent raw output from the Department's SPOT Online tool and associated databases.

Project Ownership**Division**

Division	Percent	Regional Impact	Division Needs
Division 2	100%	0	0
	0%	0	0
	0%	0	0
TOTAL Division Points		0	0

MPO/RPO

MPO/RPO	Percent	Regional Impact	Division Needs
Mid-East RPO	68%	68	0
Down East RPO	32%	32	32
	0%	0	0
TOTAL MPO/RPO Points		100	32

Project Cost and Source

Construction Cost:	\$12,596,000	Cost Estimation Tool
Right-of-Way Cost:	\$0	Cost Estimation Tool
Utilities Cost:	\$0	Cost Estimation Tool
Total Project Cost:	\$12,596,000	
Other Funding:	\$0	None
Cost to NCDOT :	\$12,596,000	